

PHENIX WEEKLY PLANNING

12/7/06

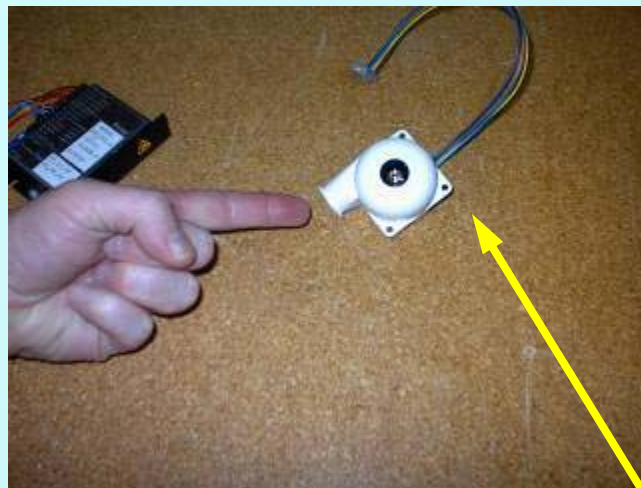
Don Lynch

Ready for Commissioning

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HBD Electronics Cooling

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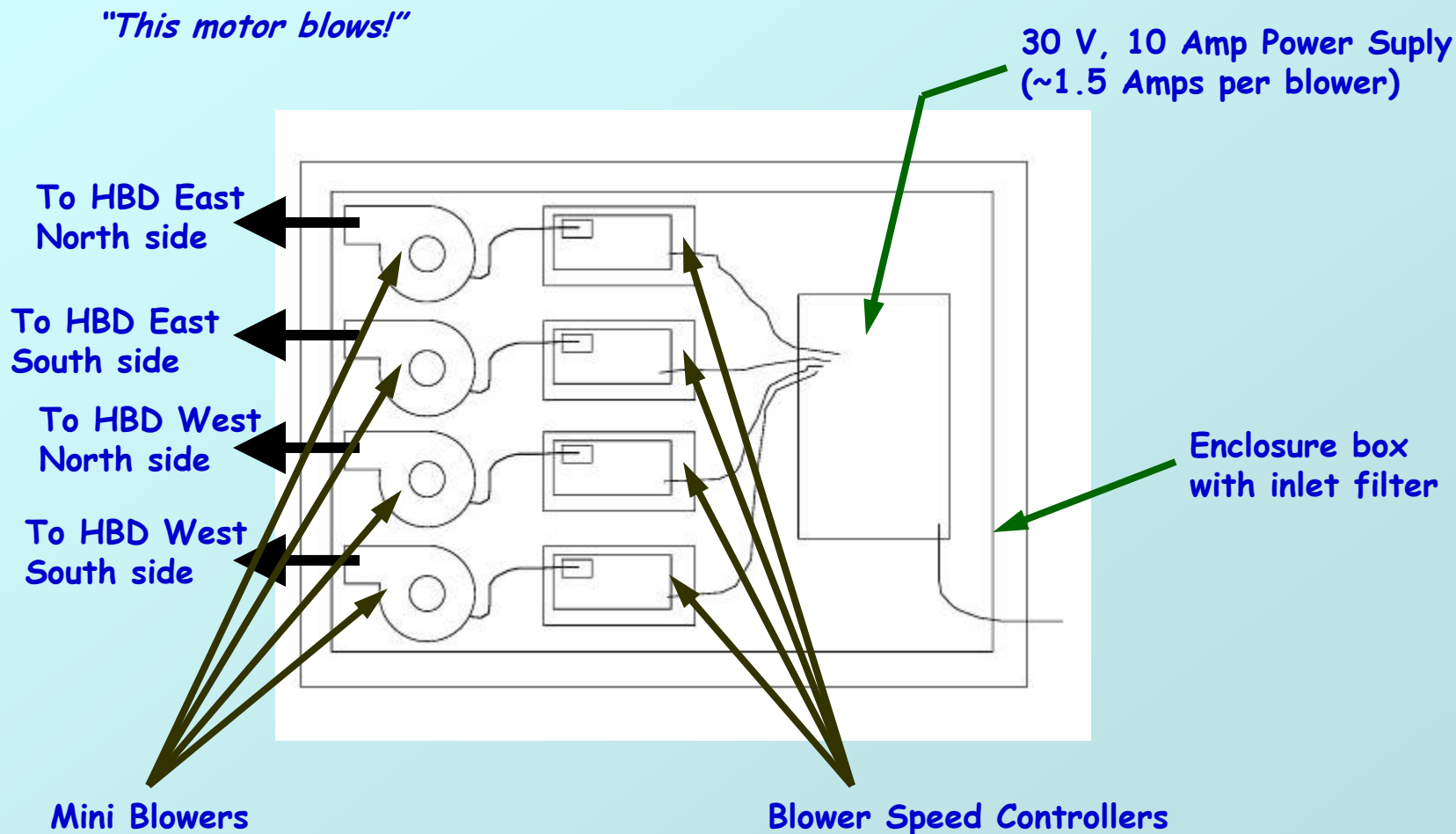
Still Needed for Approval to Operate:

- Where will fan(s) be mounted? - CM base "cubby hole" fan model and specs to be forwarded to Safety
- Written design and operation description and- To be forwarded to Safety
- Order for 5 blowers & drivers (4 +1 spare) is in the works 1 set Received, 2 sets to be shipped 12/8, 2 sets back ordered.

Blower

Speed Controller

HBD Mini-Blow Drier Electronics Cooling



CM Lift Table

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Proposal:

- High and low limit switches to prevent over-travel hitting HBD mounting I-beams and lower cable trays.
- Upper limit switch cuts out power to lift allows power to lower
- Lower limit makes audible alert. No need to cut out control.



Subsystem Maintenance & Repairs

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- EMCal West & East Done
 - DC HV/LV patch panel upgrade & wire repair Done
 - MPC South repaired
 - BBC South & North repairs done
 - MuTr grounding problems Fixed
 - MuTr North and South HV/FEE troubleshooting ~ Done..Dry air distribution balancing done
 - RICH light leak ~
 - PC HV module/cable maintenance done
 - TEC upgrades done
 - MuID survey **DONE !**
 - **MuID commissioning next month after flammable gas is on**



CAD/RHIC PHENIX infrastucture related
mechanical and electrical support

Roof leak repairs

MuID survey

Door Latch maintenance for security

Metals Dumpster

Run 7 prep support



Infrastructure Work

?

Done

Requested

Requested

On-going



Remaining Schedule

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	Start	Complete
TOF West, RXNP, MPC N		
Electronics Installation/Commissioning	in progress	12/30/06
HBD		
HBD preamp cooling system	10/1/06	12/15/06
(temporary LN2 system in-place)		
Electronics Installation/Commissioning	11/1/06	12/30/06
MuID commissioning	1/8/07	1/15/07



Remaining Schedule (cont'd)

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- Pink Sheeting & Blue Sheeting**
- Move MMS full North**
- Rebuild Rolling door**
- Install beam pipe collar**
- Close rolling door**
- Start Flammable Gas Flow**
- All Up Commissioning**
- RHIC Cooldown Begins**
- Beam in yellow ring**
- Beam in blue ring**
- RHIC beam conditioning**
- Shutdown Concluded/Start of Physics Run**

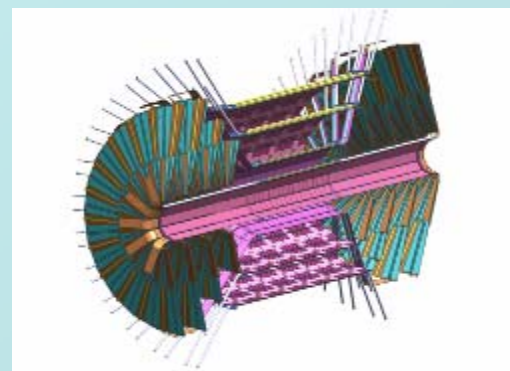
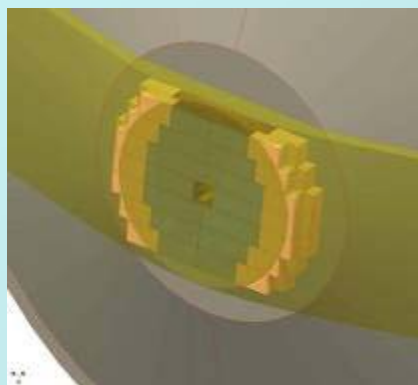
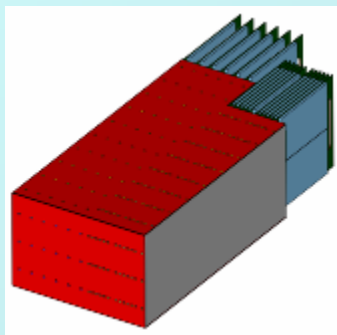
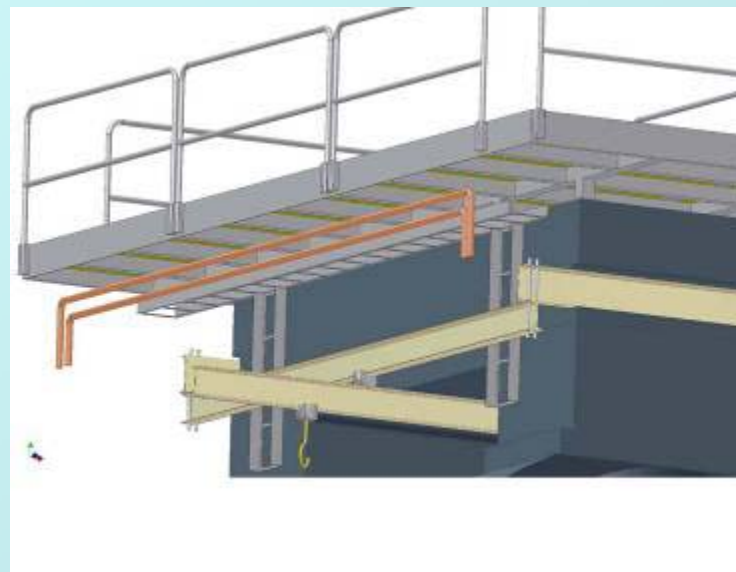


Start	Complete
Done	Done
Done	Done
Done	Done
26-Dec	29-Dec
29-Dec	29-Dec
3-Jan	3-Jan
4-Jan	26-Jan
2-Jan	2-Jan
9-Jan	9-Jan
16-Jan	16-Jan
23-Jan	23-Jan
23-Jan	23-Jan

Technical Support 2006

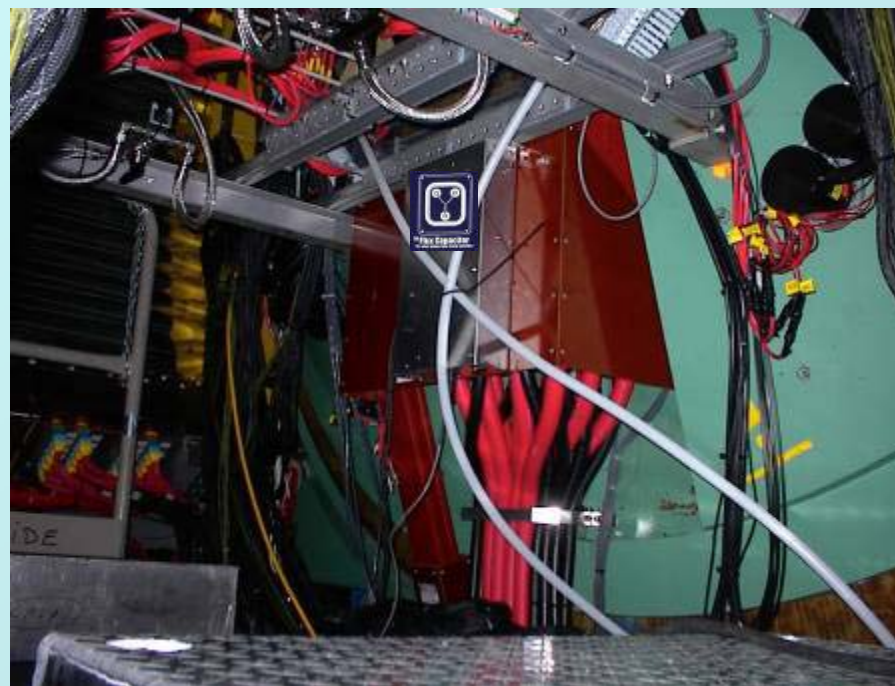
What's up for next year and beyond

- New CM Crane
- New Beam pipe design
- Muon RPC trigger design
- VTX/FVTX design
- NCC design
- MuTr upgrade ?
- Infrastructure improvements



SEU Test

John Lajoie Iowa State



PHENIX Annual Safety Review Follow Up

- No major problems/no action items received from Yousef
- Provide as-built drawings and procedures for new gas systems (TOF W and HBD)- Rob finished drawings. Procedures in-progress
- Comprehensive review of PHENIX procedures, revise where necessary, retire where appropriate - Started

Next Week

- Closeout Shutdown '06 work permits
- HBD, TOF W, RXNP, MPC N electronics commissioning
- PHENIX Procedure review continues
- Subsystem Commissioning
- Interlocks for CM Lift table
- Prepare for Run 7

New Business

Prototypes?

Tests?

Demonstrations?

Flights of Fancy?

Outrageous Requests?



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Where To Find PHENIX Technical Info



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm